

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/700,971
Filing Date	November 4, 2003
First Named Inventor	Muthiah Manoharan
Art Unit	1635
Examiner Name	Sean McGarry
Attorney Docket Number	ISIS-5782

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1	U.S. 4,720,483	01-19-1988	Jansz et al.	
	2	U.S. 4,757,141	07-12-1988	Fung et al.	
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	8	U.S. 5,631,148	05-20-1997	Urdea	
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	16	U.S. 6,133,246	10-17-2000	McKay et al.	
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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	31	EP 0 266 168 A2	05-04-1988	Amoco Corp.		
	32	WO 94/02498 A1	02-03-1994	Worcester Foundation for Experimental Biology		
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/700,971
Filing Date	11-04-2003
First Named Inventor	Muthiah Manoharan
Art Unit	1635
Examiner Name	Sean McGarry
Attorney Docket Number	ISIS-5782

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	35	ALAHARI, <i>J. Pharmacology and Experimental Therapeutics</i> , 1998, 286, 419-428	
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	38	BEVILACQUA, <i>Biochemistry</i> , 1996, 35, 9983-9994	
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	41	DAMHA, <i>J. Am. Chem. Soc.</i> , 120:12976-12977	
	42	ELBASHIR, <i>EMBO J.</i> , 2001, 20, 6877-6888	
	43	HAMMOND, <i>Nature</i> , 2001, 2, 110-119	
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	48	PARRISH, <i>Molecular Cell</i> , 2000, 6, 1077-1087	
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SignatureDate
Considered

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/700,971
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				First Named Inventor	Muthiah Manoharan
				Art Unit	1635
				Examiner Name	Sean McGarry
Sheet	3	of	3	Attorney Docket Number	ISIS-5782

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	50	SHUMAN, <i>J. Biol Chem</i> , 1993, 268, 18943-18950	
	51	TOSQUELLAS, <i>Nucleic Acids Research</i> , 1998, 26, 2069-2074	
	52	TRACEWELL, <i>Toxicology and Applied Pharmacology</i> , 1995, 135, 179-184	
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	56	WU, <i>J. Biol. Chem</i> , 1998, 273, 2532-2542	
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	59	Table listing related applications and office actions and rejections from those related applications	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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